



Regional  
NSW

CANDIDATE NUMBER:                   EVTNOT\_\_\_\_\_

(OCE1)

## OPEN CUT EXAMINER OF COAL MINES OTHER THAN UNDERGROUND MINES

### EXAMINATION FOR CERTIFICATE OF COMPETENCE

Legislation to be assessed:

Unless otherwise stated all references to Act and Regulations are to:

*Work Health and Safety Act 2011*

*Work Health and Safety Regulation 2017*

*Work Health and Safety (Mines and Petroleum Sites) Act 2013*

*Work Health and Safety (Mines and Petroleum Sites) Regulation 2014*

*Explosives Act 2003*

*Explosives Regulation 2013*

Examinations are held in the following regions:

Total College

**Wednesday 21 April 2021**

**9:20 am to 10:30 am**

**OCE1 – Mining Legislation**

#### INSTRUCTIONS TO CANDIDATES

All questions are to be attempted

Answers are to be written in pen in this booklet ONLY

Candidates must state all assumptions in their answers

Refer to the relevant legislative provisions when answering all questions:

| Q #          | Mark         | Available mark | Marked by<br><i>Initials</i> | Summary comments to justify marks awarded (if required) |
|--------------|--------------|----------------|------------------------------|---|
| 1            | a            | 15             |                              |   |
|              | b            | 5              |                              |   |
|              | c            | 5              |                              |   |
|              | <b>Total</b> | <b>25</b>      |                              |   |
| 2            | a            | 15             |                              |   |
|              | b            | 10             |                              |   |
|              | <b>Total</b> | <b>25</b>      |                              |   |
| 3            | a            | 4              |                              |   |
|              | b            | 5              |                              |   |
|              | c            | 5              |                              |   |
|              | d            | 4              |                              |   |
|              | e            | 2              |                              |   |
|              | f            | 5              |                              |   |
|              | <b>Total</b> | <b>25</b>      |                              |   |
| 4            | a            | 6              |                              |   |
|              | b            | 14             |                              |   |
|              | c            | 5              |                              |   |
|              | <b>Total</b> | <b>25</b>      |                              |   |
| <b>PAPER</b> | <b>TOTAL</b> | <b>100</b>     |                              | <i>Marks checked by:</i>                                |

# ANSWER BOOKLET

Answers are to be written in the allocated spaces  
within this booklet ONLY

Answers must be written in pen however,  
drawings may be completed in pencil

This booklet is not to be altered in any way,  
pages are not to be added or removed

Additional space is provided at the end of the paper in case you run  
out of space for an answer.

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additional space.



Clause 14 (1) Sub clause (2) details the requirements of the safety management system document.

(b) List the requirements of the safety management system document. **(5 marks)**

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(c) How often must the safety management system be reviewed? **(5 marks)**

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**Question 3 - Hazard Management (Total 25 Marks)**

(a) What is a Principal Hazard? **(4 marks)**

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(b) In your own words, what is a Principal Hazard Management Plan? **(5 marks)**

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(c) List the prescribed Principal Hazard Management Plans required for an open cut mine site. **(5 marks)**

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(d) Under what circumstances are additional Principal Hazard Management Plans required? **(4 marks)**

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(e) What action must be taken if a known Principal Hazard exists, but a documented Principal Hazard Management Plan is not in place? **(2 marks)**

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(f) List the Principal Control Plans for an open cut mine. **(5 marks)**

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**Question 4 - Incident Management (Total 25 marks)**

(a) What are the six types of incidents to be reported to the NSW Resources Regulator if they occur at an open cut mine? **(6 marks)**

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(b) You are an OCE (open cut examiner) on day shift and receive a 2-way call notifying you that a maintenance fitter has completely severed his index finger while replacing a bucket tooth on an excavator in the pit. Summarise the actions you will take as an OCE to manage this incident and fulfil your legal requirements. **(14 marks)**

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(c) Where an incident is required to be preserved, under what circumstances can the site be disturbed? **(5 marks)**

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**END OF QUESTIONS**





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CANDIDATE NUMBER: EVTNOT\_\_\_\_\_

(OCE2)

## OPEN CUT EXAMINER OF COAL MINES OTHER THAN UNDERGROUND MINES

### EXAMINATION FOR CERTIFICATE OF COMPETENCE

Legislation to be assessed:

Unless otherwise stated all references to Act and Regulations are to:

*Work Health and Safety Act 2011*

*Work Health and Safety Regulation 2017*

*Work Health and Safety (Mines and Petroleum Sites) Act 2013*

*Work Health and Safety (Mines and Petroleum Sites) Regulation 2014*

*Explosives Act 2003*

*Explosives Regulation 2013*

Examinations are held in the following regions:

Total College

**21 April 2021**

**11:35 am to 1:45 pm**

### **OCE2 Practical Open Cut Operation**

#### INSTRUCTIONS TO CANDIDATES

All questions are to be attempted

Answers are to be written in pen in this booklet ONLY

Candidates must state all assumptions in their answers

Refer to the relevant legislative provisions when answering all questions

State all assumptions

| Q # | Mark         | Available mark | Marked by<br><i>Initials</i> | Summary comments to justify marks awarded (if required) |
|-----|--------------|----------------|------------------------------|---|
| 1   | a            | 10             |                              |   |
|     | b            | 20             |                              |   |
|     | c            | 10             |                              |   |
|     | d            | 10             |                              |   |
|     | <b>Total</b> | <b>50</b>      |                              |   |
| 2   | a            | 15             |                              |   |
|     | b            | 15             |                              |   |
|     | c            | 10             |                              |   |
|     | d            | 10             |                              |   |
|     | <b>Total</b> | <b>50</b>      |                              |   |
| 3   | a            | 20             |                              |   |
|     | b            | 10             |                              |   |
|     | c            | 15             |                              |   |
|     | d            | 5              |                              |   |
|     | <b>Total</b> | <b>50</b>      |                              |   |
| 4   | a            | 10             |                              |   |
|     | b            | 10             |                              |   |
|     | c            | 5              |                              |   |
|     | d            | 10             |                              |   |
|     | e            | 5              |                              |   |

OCE2 – Practical Open Cut Operation - 2021

| Q #          |              | Mark | Available mark | Marked by<br><i>Initials</i> | Summary comments to justify marks awarded (if required) |
|--------------|--------------|------|----------------|------------------------------|---|
|              | f            |      | 10             |                              |   |
|              | <b>Total</b> |      | <b>50</b>      |                              |   |
| <b>PAPER</b> | <b>TOTAL</b> |      | <b>200</b>     |                              | <i>Marks checked by:</i>                                |



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**Question 4 - Explosives and Shotfiring (Total 50 marks)**

As an OCE at a small open cut mine, your duties include the supervision of a small fleet of excavators, trucks and ancillary equipment as well as drill and blast operations.

At 4:30pm, the Blast Crew completed loading and tying up an electronic shot. Just prior to firing, you receive a call from the shotfirer reporting that the post loading IE stocktake has identified 2 boosters and 2 electronic detonators are missing and unaccounted for.

a) What are the five priority actions you would take after receiving this information from the shot firer? **(10 marks)**

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b) Is this incident notifiable? If so, specify the clause and description, who is to be notified, how and when? **(10 marks)**

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c) The shot is required to allow continuity of production. Would you fire the shot? Provide your reasoning. **(5 marks)**

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d) Your Manager has asked you to commence gathering information as part of the investigation into the incident. List the information you would require to be gathered. **(10 marks)**

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**END OF PAPER**